



DELTA LED Floodlight

Energy saving choice

2014/01



DELTA LED Floodlight



Excellent heat dissipation performance

The design of the wind holes on the heat sink allow more air flow through the heat sink, which strengthen the heat dissipation performance for guarantee durable a long time of the whole fixture.

Science optical

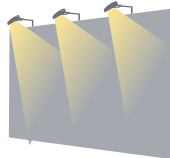
The reflector optical design is in addition to greater use of lighting and without glare.

A variety of specifications

There are a variety of power, installation angle options.

Applications : Advertising lighting, general lighting, high-power lighting, decorative lighting

Advertising lighting



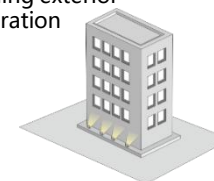
Toll stations



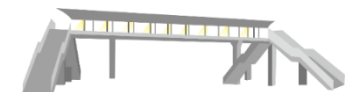
Playground




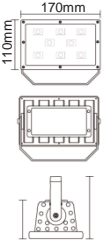

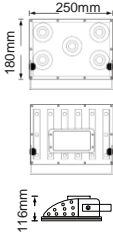

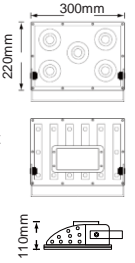

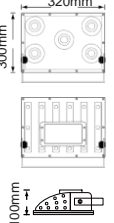

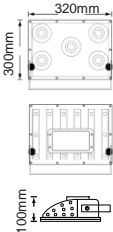

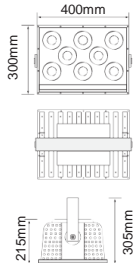

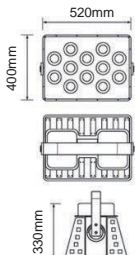
Building exterior decoration

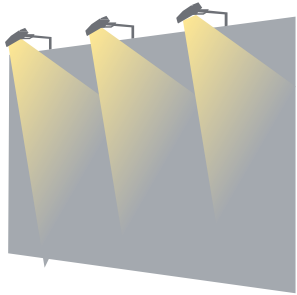


Footbridge



Floodlight Specification

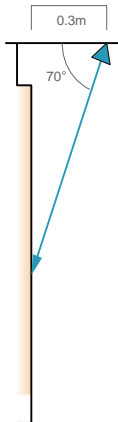
30W	40W	60W	100W
 <p>FL-3030</p> <p>Power: 30W Luminous flux: 2550lm Luminous efficiency: 85 lm / w CCT: 5000K / 3000K CRI: ≥ 65 Beam Angle: 40 ° Power supply: Internal Input voltage: AC 100 ~ 240V, 50 / 60Hz Power factor: ≥ 0.9 Shell: Aluminum Weight: 1.2kg Ambient temperature: -25 °C ~ +45 °C Design Lifetime: ≥ 40000 hr Certification: CE, CQC, SAA</p> 	 <p>FL-3040</p> <p>Power: 40W Luminous flux: 3600lm Luminous efficiency: 90 lm / w CCT: 5000K / 3000K CRI: ≥ 65 Beam Angle: 60°/90°/120° Power supply: Internal Input voltage: AC 100 ~ 240V, 50 / 60Hz Power factor: ≥ 0.9 Shell: Aluminum Weight: 2.5kg Ambient temperature: -25 °C ~ +45 °C Design Lifetime: ≥ 40000hr Certification: CE, CQC, SAA</p> 	 <p>FL-3060</p> <p>Power: 60W Flux: 5245 lm Luminous efficiency: 87lm / w CCT: 5000K / 3000K CRI: ≥ 65 Beam Angle: 60 ° / 90 ° / 120 ° Power supply: Internal Input voltage: AC 100 ~ 240V, 50 / 60Hz Power factor: ≥ 0.9 Shell: Aluminum Weight: 2.53kg Ambient temperature: -25 °C ~ +45 °C Design Lifetime: ≥ 40000 hr Certification: CE, SAA, C-tick, CQC</p> 	 <p>FL-3100</p> <p>Power: 100W Luminous flux: 8872lm Luminous efficiency: 88lm / w CCT: 5000K / 3000K CRI: ≥ 65 Beam angle :: 60 ° / 90 ° / 120 ° Power supply: Internal Input voltage: AC 100 ~ 240V, 50 / 60Hz Power factor: ≥ 0.9 Shell: Aluminum Weight: 5.6 kg Ambient temperature: -25 °C ~ +45 °C Design Lifetime: ≥ 40000 hr Certification: SAA</p> 
 <p>FL-3130</p> <p>Power: 130W Flux: 12220lm Luminous efficiency: 94lm / w CCT: 5000K / 3000K CRI: ≥ 65 Beam angle :: 60 ° / 90 ° / 120 ° Power supply: Internal Input voltage: AC 100 ~ 240V, 50 / 60Hz Power factor: ≥ 0.9 Shell: Aluminum Weight: 5.6kg Ambient temperature: -25 °C ~ +45 °C Design Lifetime: ≥ 40000 hr Certification: SAA</p> 	 <p>FL-3250</p> <p>Power: 250W Flux: 19301 lm Luminous efficiency: 77lm / w CCT: 5000K / 3000K CRI: ≥ 65 Beam Angle: 45 ° / 90 ° Power supply: Internal Input voltage: AC 100 ~ 240V, 50 / 60Hz Power factor: ≥ 0.9 Shell: Aluminum Weight: 9.13kg Ambient temperature: -25 °C ~ +45 °C Design Lifetime: ≥ 40000 hr Certification: CQC, CE, SAA, C-tick</p> 	 <p>FL-3520</p> <p>Power: 520W Flux: 46127 lm Luminous efficiency: 89lm / w CCT: 5000K / 3000K CRI: ≥ 65 Beam Angle: 45 ° / 70 ° Power supply: Internal Input voltage: AC 100 ~ 240V, 50 / 60Hz Power factor: ≥ 0.9 Shell: Aluminum Weight: 23kg Ambient temperature: -25 °C ~ +45 °C Design Lifetime: ≥ 40000 小时</p> 	



Design Example : Small billboards

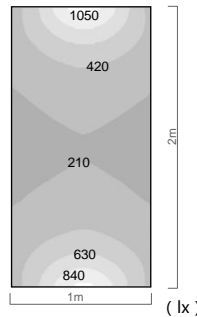
Standard illumination : 500lx

Vertical section



70W HID Floodlight

Ground illumination distribution

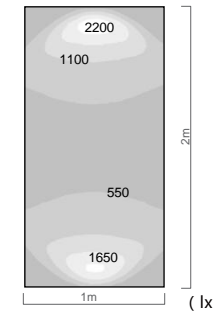


Lamp	Tradition Lamp
Source	HID Source
Luminous flux (lm)	4900
Life (hr)	8000
Extended length (m)	0.5
Average illuminance (lx)	371
Total power (W)	175



LED Floodlight 40W FL-3040

Ground illumination distribution



Lamp	FL-3040
Source	LED
Luminous flux (lm)	3600
Life (hr)	40000
Extended length (m)	0.5
Average illuminance (lx)	752
Total power (W)	80

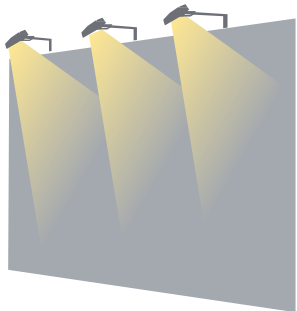
Upgrade brightness

saving about 54%

An equal number of units

5 times the life

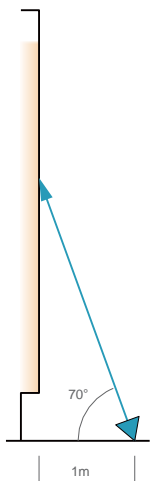
※Traditional lamp light power is about 80% of the total power consumption
 ※Luminous flux of about 50% of light flux



Design Example : Large billboards

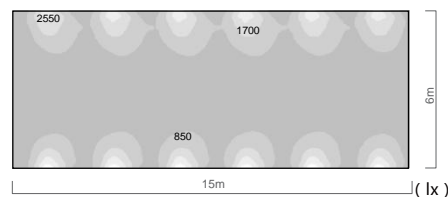
Standard illumination : 500lx

Vertical section

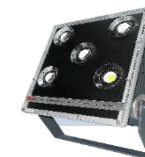


250W HID Floodlight

Ground illumination distribution

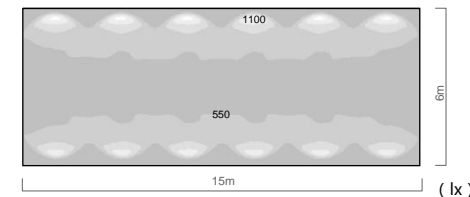


Lamp	Tradition Lamp
Source	HID Source
Luminous flux (lm)	17500
Life (hr)	8000
Extended length (m)	1
Average illuminance (lx)	584
Total power (W)	3750



LED Floodlight 100W FL-3100

Ground illumination distribution



Lamp	FL-3100
Source	LED
Luminous flux (lm)	8872
Life (hr)	40000
Extended length (m)	1
Average illuminance (lx)	562
Total power (W)	1200

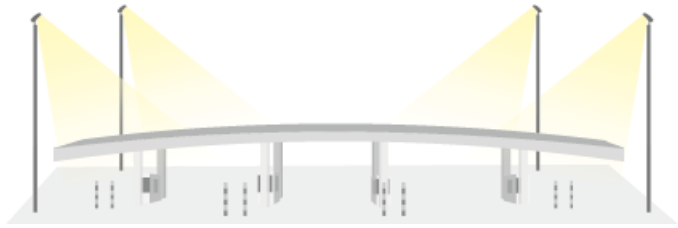
same brightness

saving about 68%

An equal number of units

5 times the life

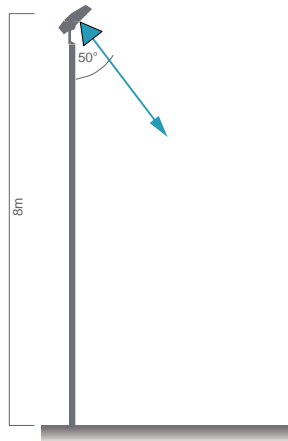
※Traditional lamp light power is about 80% of the total power consumption
 ※Luminous flux of about 50% of light flux



Design Example : Toll stations

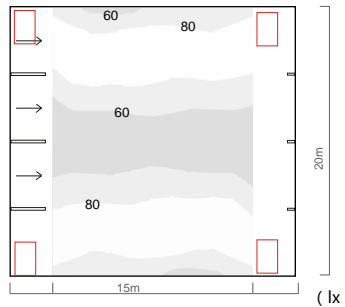
Standard illumination : 50lx

Vertical section



500W HPS Streetlights

Ground illumination distribution

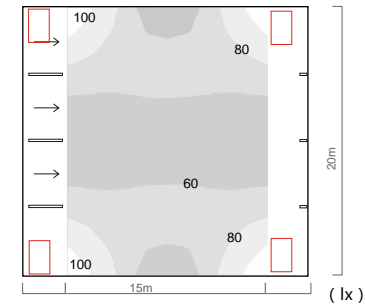


Lamp	Tradition Lamp
Source	HPS Source
Luminous flux (lm)	34000
Life (hr)	8000
Mounting height (m)	8
Average illuminance (lx)	70
Total power (W)	2500



LED Floodlight 250W FL-3250

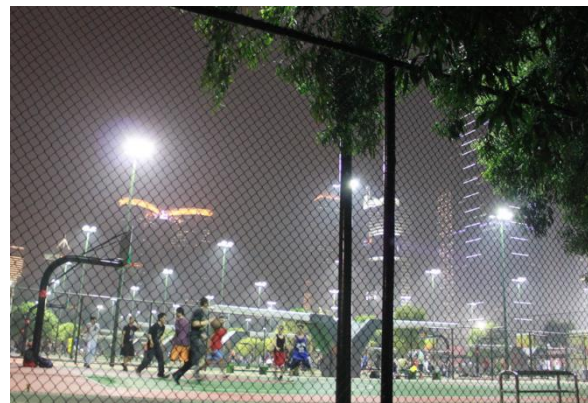
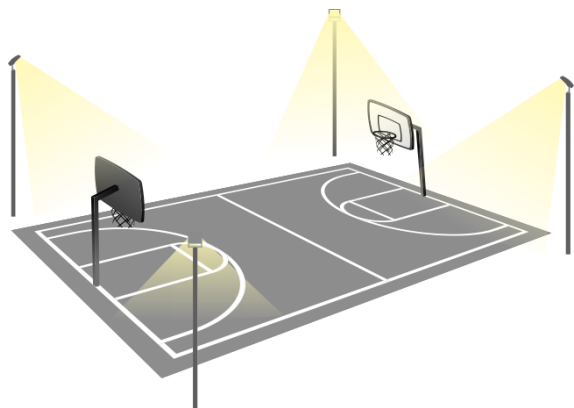
Ground illumination distribution



Lamp	FL-3250
Source	LED
Luminous flux (lm)	19301
Life (hr)	40000
Mounting height (m)	8
Average illuminance (lx)	68
Total power (W)	1000

- same brightness
- saving about 60%
- An equal number of units
- 5 times the life

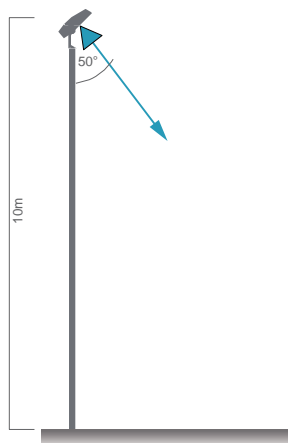
※Traditional lamp light power is about 80% of the total power consumption
 ※Luminous flux of about 50% of light flux



Design Example : Playground

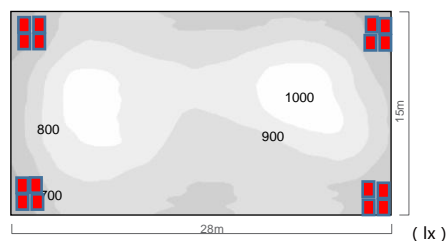
Standard illumination : 500lx

Vertical section



1000W HID Floodlight

Ground illumination distribution



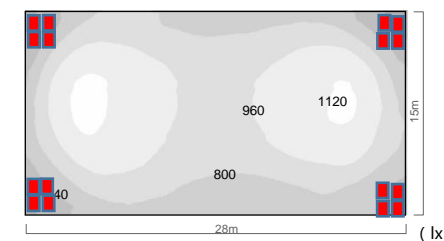
Lamp	Tradition Lamp
Source	HID Source
Luminous flux (lm)	80000
Life (hr)	8000
Mounting height (m)	10
Average illuminance (lx)	773
Total power (W)	20000

※Traditional lamp light power is about 80% of the total power consumption
 ※Luminous flux of about 50% of light flux



LED Floodlight 520W
FL-3520

Ground illumination distribution



Lamp	FL-3520
Source	LED
Luminous flux (lm)	46127
Life (hr)	40000
Mounting height (m)	10
Average illuminance (lx)	827
Total power (W)	8320

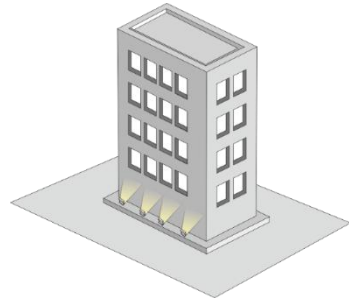
Upgrade
brightness

Saving
about
58%

An equal
number
of units

5 times
the life

Design Example : Building exterior decoration



Design Example : Footbridge

